

Priority: X High —Medium —Low	REGION 8 START3 CONTRACT CONTRACT NO. EP-W-05-050 TECHNICAL DIRECTION DOCUMENTATION (TDD) URS OPERATING SERVICES						
Key EPA Contact: Name: Sabrina Forrest Phone: 303-312-6484	Estimate of Total Hours: ██████ Total Cost: \$47,800.00	EPA Site Name: Upper Animas Mining District City/County/State: Silverton/San Juan, CO <table border="1" style="width: 100%;"> <tr> <td data-bbox="836 401 1096 453">SSID No.: 085M</td> <td data-bbox="1096 401 1432 453">Operate Unit: none</td> </tr> <tr> <td data-bbox="836 453 1096 506">FPN:</td> <td data-bbox="1096 453 1432 506">Completion Date: 12/30/2011</td> </tr> </table>		SSID No.: 085M	Operate Unit: none	FPN:	Completion Date: 12/30/2011
SSID No.: 085M	Operate Unit: none						
FPN:	Completion Date: 12/30/2011						
TDD ACTIVITY CATEGORIES: CERCLA ASSESSMENT – Combined PA/SI – Expanded Site Inspection – HRS Package – Pre Screening Assessment – Preliminary Assessment – Site Inspection X Site Reassessment BROWNFIELDS – Targeted Brownfields Assessment – Others : _____	RESPONSE ACTIVITIES – Emergency Response – PRP Oversight – Removal Action Support – EE/CA Support – EOC Support – OPA Emergency Response – OPA PRP Oversight – OPA Site Support – Removal Assessment CERCLA ENFORCEMENT – Enforcement Support – Negotiation Support CONTRACT PROGRAM SUPPORT – General Support		PREPAREDNESS & PREVENTION – Chemical Safety Audits – Contingency Plan – FRP Reviews – Risk Management – SPCC Inspections/Reviews – Training Outreach – Other TECHNICAL SUPPORT ACTIVITIES – Analytical – Combined RI/FS – Data Validation – Risk Assessment – Special Projects – Training				
Scope of Work: Contact EPA SAM prior to initiating work due to the sensitive nature of the project. <u>Early September 2010</u> - Review October 2009 Data Gap Analysis for Targeted National Priority Listing Viability and other Upper Animas Mining District references and data for targeted NPL viability. Prepare HASP for site reconnaissance – START may be able to conduct recon under an existing EPA HASP with a UOS Addendum that outlines UOS call down procedures and UOS contacts in case of an emergency. <u>September 13 – 17, 2010</u> - Conduct site reconnaissance and assist regional EPA staff with sampling in the Animas watershed, including upper Cement Creek. <u>September – October, 2010, later if sampling is postponed</u> - Maintain contact with EPA SAM (S Forrest) and OSC (S Way) regarding ongoing projects that could potentially impact sampling, e.g., EPA Red & Bonita removal assessment; EPA/BLM work in the Grand Mogul area. <u>September – October, 2010</u> - Based on the data gap analysis and site recon, develop a Sampling and Analysis Plan based on HRS data needs. Identify sources, pathways, and target information that will be collected and identify other issues that would need clarified for inclusion in an HRS package. GPS all sample locations and cross reference existing sample location nomenclature where applicable. Determine what cost differences there will be for quicker turn around data and contact		Overtime Approved: ---- Yes --X-- No					

the SAM.

Prepare HASP for sampling during October 11-15 or Oct 18-22, 2010.

October 11-15 or Oct 18-22, 2010 – Conduct field work.

Late October – early November 2010 - Prepare and submit a Sampling Activities Report/Trip Report.

November 2010– January 2011 - Have data reviewed and validated.

January – early February 2011 - Prepare and submit a draft Analytical Results Report for review and comments. Respond to comments and submit a final ARR with updated Quickscore using new site data.

Deliverables & Schedule (Including Technical Completion Date) See above for deliverables. Also see attached Site Assessment Deliverables Guidelines, updated August 2010.

Technical completion by 12/30/2011 – extended due to possible needs for additional work.

PRP Names (if known at this time): Unknown

Funding Source CERCLA --- Removal -X- Site Assessment --- P & P --- Remedial	Brownfields -- All Brownfields	OPA – P & P – Fund Access	OTHERS
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U.S. EPA
999 18th Street, Suite 500
Denver, CO 80202

START3
Technical Direction Document

**SITE ASSESSMENT (Task Order
#0014)**
URS Operating Services

TDD #: TO-1008-13
Amendment#:B
Contract: EP-W-05-050

! = required field

TDD Name: Upper Animas Mining District		! Period: Option Period 1
! Purpose: Change Period of Performance, Incremental Funding		
! Priority: High		! Start Date: 08/30/2010
Overtime:		! Completion Date: 09/30/2011
! Funding Category: CERCLA Site Assessment		Invoice Unit:
! Project/Site Name: Upper Animas Mining District		WorkArea: CERCLA Assessment
Project Address:		Activity: Site Reassessment
County: San Juan		Work Area Code:
City, State: Silverton, CO		Activity Code: QB
Zip:		EMERGENCY CODE: <input type="checkbox"/> KAT <input type="checkbox"/> RIT
! SSID: 085M		FPN:
CERCLIS:		Performance Based: No
Operable Unit:		
Authorized TDD Ceiling:	Cost/Fee	LOE (Hours)
Previous Action(s):	\$85,100.00	
This Action:	\$38,500.00	
New Total:	\$123,600.00	

Specific Elements

Description of Work:

Change Period of Performance and Increase funding & LOE.

Justification: Upper Animas Mining District Blvd – SR

- 1) Increase funding on the project to cover additional expenses related to START staff supporting Animas sampling efforts, additional time needed for data validation and accompanying data issues, preparation of preliminary data tables with accompanying explanations of the data layout and findings.
- 2) EPA requested and may need additional staff support and document preparation related to existing Freedom of Information Act requests/appeals.
- 3) EPA will need ongoing data evaluation from several existing and continually updated SCRIBE databases. EPA wants START to take advantage of the Scribe tool to assist with data management and manipulation needs.
- 4) Additional time will be needed to review and compile the larger data set for development of deliverables and supporting figures.
- 5) Extra time will be needed to respond to comments from a larger than normal stakeholder

group.

New Deliverables: HRS Quickscore – very high priority

New Deliverable Due Date: March 22, 2011 – Draft ARR should be available on or near that data as well.

Section

: Forrest

Date: 03/15/2011

Phone #:

Project Officer Section - Signed by Joni Sandoval/R8/USEPA/US on 03/16/2011 11:20:50 AM, acco...

Project Officer: Joni Sandoval

Date: 03/16/2011

Contracting Officer Section - Signed by Maria Houston/R8/USEPA/US on 03/16/2011 01:00:36 PM,...

Contracting Officer: Maria Houston

Date: 03/16/2011

Contractor Section - Signed by Chuck Baker/Denver/URSCorp on 03/16/2011 02:21:36 PM, accordi...

Contractor Contact: Chuck Baker

Date: 03/16/2011


EPA

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START3
Technical Direction Document
SITE ASSESSMENT (Task Order
#0014)
URS Operating Services

TDD #: TO-1008-13
Amendment#: C
Contract: EP-W-05-050

! = required field ☐ Moved To EAS

TDD Name: Upper Animas Mining District		I Period: Option Period 1	
I Purpose: Change Period of Performance, Incremental Funding			
I Priority: High		I Start Date: 08/30/2010	
Overtime:		I Completion Date: 12/31/2011	
I Funding Category: CERCLA Site Assessment		Invoice Unit:	
I Project/Site Name: Upper Animas Mining District		WorkArea: CERCLA Assessment	
Project Address:		Activity: Site Reassessment	
County: San Juan		Work Area Code:	
City, State: Silverton, CO		Activity Code: QB	
Zip:		EMERGENCY CODE: <input type="checkbox"/> KAT <input type="checkbox"/> RIT	
I SSID: 085M		FPN:	
CERCLIS:		Performance Based: No	
Operable Unit:			
Authorized TDD Ceiling:		Cost/Fee	LOE (Hours)
Previous Action(s):		\$123,600.00	
This Action:		\$19,300.00	
New Total:		\$142,900.00	

Specific Elements

Description of Work:

Change Period of Performance and Increase funding & LOE.

Justification: Upper Animas Mining District – SR

- 1) Cover existing overage in TDD minus the \$7,000 dollars that the START Leader has agreed to cover.
- 2) **Deliver the final Quickscore that was a high priority from last mod to complete the Analytical Results Report still needs delivered to EPA – very high priority. The EPA has spoken with the START PM about this. EPA added nominal dollars to help accomplish this and close out the TDD.**
- 3) EPA understands that the recent increase in overage from -\$20,104.00 to -\$25,811.00 needs covered due to a late invoice from sub Gary Struthers' data validation. EPA agreed to pay for the proper data validation and understands that Gary Struthers was not paid for their earlier inadequate deliverables.

New Deliverables: NONE, see item 2) below.

New Deliverable Due Date: Final ARR Quickscore – By December 14, 2011

Section

: Forrest

Date: 11/29/2011

Phone #:

Project Officer Section - Signed by Joni Sandoval/R8/USEPA/US on 11/30/2011 10:37:27 AM, acco...

Project Officer: Joni Sandoval

Date: 11/30/2011

Contracting Officer Section - Signed by Maria Houston/R8/USEPA/US on 11/30/2011 11:51:04 AM,...

Contracting Officer: Maria Houston

Date: 11/30/2011

Contractor Section - Signed by Rebecca Laramie/Denver/URSCorp on 12/01/2011 08:48:00 AM, ac...

Contractor Contact: Rebecca Laramie

Date: 12/01/2011

**REGION 8 START3 CONTRACT
REQUEST FOR TDD AMENDMENT**

Date: November 10, 2010

Monitor Name: Sabrina Forrest

Site Name: Upper Animas Mining District Blvd – SR	TDD Number: 1008-0013
Adding Dollars: \$47,800 + \$37,300	Total Ceiling Funding: \$85,100
Adding LOE: XXXXXXXXXX	Total LOE: XXXXXXXXXX
Extend Completion Date to: n/a	
New Deliverables: none	
New Deliverable Due Date: n/a	
<p style="text-align: center;">Justification: Upper Animas Mining District Blvd – SR</p> <p>1) Increase funding on the project to cover additional expenses related to having additional time in the field to complete assigned sampling and non-sampling field tasks, including an extra mobilization, numerous additional sampling locations to the 2nd larger field effort, with associated increases in supplies, time in the field, equipment/ analytical services, and ancillary supplies. Additional time will be needed to review and compile the larger data set for development of deliverables and supporting figures. Extra time will likely be needed to respond to comments from a larger than normal stakeholder group.</p>	



INDEPENDENT GOVERNMENT COST ESTIMATE
CERCLA Site Reassessment
 Upper Animas Site Reassessment TDD Mod 2

LABOR CATEGORIES / POSITIONS		Ave. Hourly Rate (\$)	TASK 1 (hours)	TASK 2 (hours)	TASK 3 (hours)	TASK 4 (hours)	TASK 5 (hours)	TASK 6 (hours)	Labor Hours by Position	Labor Cost by Position
Category	Position									
Principal Staff	Principal Manager	\$153.60							0.00	\$0.00
	Project Director	\$126.26			4.00				4.00	\$505.04
Senior Staff	Professional Engineer/Geol/Chem	\$126.26			10.00				10.00	\$1,262.60
	QA Manager	\$114.16							0.00	\$0.00
	Prof Geol/Chemist/Engineer	\$100.00		55.00	46.00	20.00	10.00	35.00	166.00	\$16,600.00
	Communications Specialist	\$90.69							0.00	\$0.00
	Geologist/Chemist/Engineer	\$89.79							0.00	\$0.00
	Communications Specialist	\$74.73							0.00	\$0.00
	Researcher	\$79.16							0.00	\$0.00
	Jr. Geol/Chem/Engineer	\$60.48			120.00	25.00	10.00	90.00	245.00	\$14,817.60
	Jr. Communications Specialist	\$61.23							0.00	\$0.00
	Sr Research Asst/Sr Proj Admin	\$61.74			35.00				35.00	\$2,160.90
	Data Entry/Admin	\$40.84			8.00			5.00	13.00	\$530.92
Labor Hours by Task			0.00	55.00	223.00	45.00	20.00	130.00	473.00 hours	
Labor Cost by Task			\$0.00	\$5,500.00	\$16,112.86	\$3,512.00	\$1,604.80	\$9,147.40		

TOTAL LABOR **\$36,877.06**

Other Direct Costs (list)	TASK 1 (\$)	TASK 2 (\$)	TASK 3 (\$)	TASK 4 (\$)	TASK 5 (\$)	TASK 6 (\$)	ODCs by Item
Travel	\$0.00	\$600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$600.00
Local Travel / Parking	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Postage / Freight / Courier	\$0.00	\$0.00	\$0.00	\$60.00	\$0.00	\$60.00	\$120.00
Photocopying	\$0.00	\$300.00	\$500.00	\$0.00	\$150.00	\$0.00	\$950.00
Graphics / Art Work	\$0.00	\$0.00	\$350.00	\$0.00	\$200.00	\$0.00	\$550.00
Sample Analysis (non-CLP only)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sampling Equipment/Field Supplies	\$0.00	\$300.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300.00
Historic Maps or Information from San Juan County offices	\$0.00	\$0.00	\$100.00	\$0.00	\$0.00	\$0.00	\$100.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
ODCs by Task	\$0.00	\$1,200.00	\$950.00	\$60.00	\$350.00	\$60.00	

TOTAL ODCs **\$2,620.00**

TOTALS	TASK 1	TASK 2	TASK 3	TASK 4	TASK 5	TASK 6	TOTALS
TOTAL LABOR	\$0.00	\$5,500.00	\$16,112.86	\$3,512.00	\$1,604.80	\$9,147.40	\$36,877.06
TOTAL ODCs	\$0.00	\$1,200.00	\$950.00	\$60.00	\$350.00	\$60.00	\$2,620.00
TOTAL	\$0.00	\$6,700.00	\$17,062.86	\$3,572.00	\$1,954.80	\$9,207.40	


- Task 1: File Review
 Task 2: Field work
 Task 3: Deliverables and Reporting: ; draft and final Analyt. Results Report; Quickscore
 Task 4: Data review/validation
 Task 5: FOIA support
 Task 6: Data Mgmt: Scribe imports, water quality charts updates; creation of add'l materials as needed

TOTAL **\$38,497.06**

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Technical Direction DocumentSITE ASSESSMENT (Task Order
#0014)

URS Operating Services

TDD #: TO-1008-13
Amendment#:D
Contract: EP-W-05-050! = required field ☐ Moved To EAS

TDD Name: Upper Animas Mining District		! Period: Option Period 2	
! Purpose: Change Period of Performance			
! Priority: High		! Start Date: 08/30/2010	
Overtime:		! Completion Date: 04/20/2012	
! Funding Category: CERCLA Site Assessment		Invoice Unit:	
! Project/Site Name: Upper Animas Mining District		WorkArea: CERCLA Assessment	
Project Address:		Activity: Site Reassessment	
County: San Juan		Work Area Code:	
City, State: Silverton, CO		Activity Code: QB	
Zip:		EMERGENCY CODE: <input type="checkbox"/> KAT <input type="checkbox"/> RIT	
! SSID: 085M		FPN:	
CERCLIS:		Performance Based: No	
Operable Unit:			
Authorized TDD Ceiling:		Cost/Fee	LOE (Hours)
Previous Action(s):		\$142,900.00	
This Action:		\$0.00	
New Total:		\$142,900.00	

Specific Elements**Description of Work:**

Amending TDD to extend completion date from 11/30/11 to 04/20/12 for billing purposes only to fix an accounting error for a \$279 mischarge that went to the incorrect tdd. Hours associated with moving the charge should not be billed to EPA since it was an error made by the UOS project manager.

Section: Forrest
Phone #:

Date: 03/07/2012

Project Officer Section - Signed by Joni Sandoval/R8/USEPA/US on 03/20/2012 02:36:55 PM, acco...

Project Officer: Joni Sandoval

Date: 03/20/2012

Contracting Officer Section - Signed by Ellen Shannon/R8/USEPA/US on 03/20/2012 03:09:43 PM,...

Contracting Officer: Ellen Shannon

Date: 03/20/2012

Contractor Section - Signed by Chuck Baker/Denver/URSCorp on 03/21/2012 07:43:28 AM, accordi...

Contractor Contact: Chuck Baker

Date: 03/21/2012

**REGION 8 START3 CONTRACT
REQUEST FOR TDD AMENDMENT**

Date: March 10, 2011

Monitor Name: Sabrina Forrest

Site Name: Upper Animas Mining District Blvd – SR	TDD Number: 1008-0013
Adding Dollars: \$85,100 + \$38,500	Total Ceiling Funding: \$123,600
Adding LOE: [REDACTED]	Total LOE: [REDACTED]
Extend Completion Date to: 12/31/2011	
New Deliverables: <u>HRS Quickscore – very high priority</u>	
New Deliverable Due Date: March 22, 2011 – Draft ARR should be available on or near that data as well.	
<p style="text-align: center;">Justification: Upper Animas Mining District Blvd – SR</p> <ol style="list-style-type: none">1) Increase funding on the project to cover additional expenses related to START staff supporting Animas sampling efforts, additional time needed for data validation and accompanying data issues, preparation of preliminary data tables with accompanying explanations of the data layout and findings.2) EPA requested and may need additional staff support and document preparation related to existing Freedom of Information Act requests/appeals.3) EPA will need ongoing data evaluation from several existing and continually updated SCRIBE databases. EPA wants START to take advantage of the Scribe tool to assist with data management and manipulation needs.4) Additional time will be needed to review and compile the larger data set for development of deliverables and supporting figures.5) Extra time will be needed to respond to comments from a larger than normal stakeholder group.	




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START3
Technical Direction Document
SITE ASSESSMENT (Task Order
#0014)
URS Operating Services

TDD #: TO-1008-13
Amendment#:E
Contract: EP-W-05-050

! = required field ☐ Moved To EAS

TDD Name: Upper Animas Mining District	! Period: Option Period 2	
! Purpose: Set/Revise Expenditure Limit	Verbal Date:	
! Priority: High	! Start Date: 08/30/2010	
Overtime:	! Completion Date: 04/20/2012	
! Funding Category: CERCLA Site Assessment	Invoice Unit:	
! Project/Site Name: Upper Animas Mining District	WorkArea: CERCLA Assessment	
Project Address:	Activity: Site Reassessment	
County: San Juan	Work Area Code:	
City, State: Silverton, CO	Activity Code: QB	
Zip:	EMERGENCY CODE: <input type="checkbox"/> KAT <input type="checkbox"/> RIT	
! SSID: 085M	FPN:	
CERCLIS:	Performance Based: No	
Operable Unit:		
Authorized TDD Ceiling:	Cost/Fee	LOE (Hours)
Previous Action(s):	\$142,900.00	
This Action:	\$300.00	
New Total:	\$143,200.00	

Specific Elements

Description of Work:

This amendment is to add the \$279 to the budget since it was left out of the last amendment.

Last amendment:

Amending TDD to extend completion date from 11/30/11 to 04/20/12 for billing purposes only to fix an accounting error for a \$279 mischarge that went to the incorrect tdd. Hours associated with moving the charge should not be billed to EPA since it was an error made by the UOS project manager.

Section

Comments:

: Sabrina Forrest
Phone #:
Co-WAMs:

Date: 03/22/2012

Project Officer Section

PO Comments:

Project Officer: Joni Sandoval

Date: 03/22/2012

Contracting Officer Section

Contracting Officer Comments:
Contracting Officer: Maria Houston

Date: 03/23/2012

Contractor Section

Contractor Comments:
Contractor Contact: Chuck Baker

Date: 03/23/2012